



Data and Privacy File Guides

Apple Media Services: Payment Authorization

May 2025

File name Payment Authorization.csv

File description This file contains information about payment authorization lifecycle.

Why Apple keeps this information Apple retains this information in order to improve software design and enhance user experience.

Field Name	Details
Account Update	Whether there was a real-time account update during transaction
Acquirer Action	The action code received from acquirer bank
Acquirer Action Description	The action description received from acquirer bank
Acquirer Bank	The acquirer bank for transactions
Acquirer ID	The identifier for each acquirer bank
Acquirer Transaction ID	The transaction identifier generated by the acquirer
Action Description	The response code description from the acquirer bank
Adapter Result Code	The payment adapter result code
Adapter Result Message	The payment adapter result message
Adapter Transaction ID	The adapter identifier for the user's purchase
Apple Account Number	Apple account identifying number
Apple Pay Opt-In	Whether the customer has opted-in for Apple Pay
Authorization Adapter Code	The code for each payment gateway
Authorization Adapter Description	The description for each payment gateway
Authorization Amount	The authorized price in the applicable currency, as a decimal number (e.g., 9.99)
Authorization Attempt	The number of authorization re-attempts
Authorization Card Processor	The processor of the card authorization
Authorization Card Processor ID	The identifier for card processor of the store front and card type
Authorization Category	The type of authorization category
Authorization Code	The authorization code for a transaction by issuer

Field Name	Details
Authorization Context	The authorization transaction context
Authorization Create date	The date when transaction was authorized
Authorization Creation Timestamp	The timestamp when transaction was authorized
Authorization Decline Reason	The reason for failed authorizations
Authorization Key ID	The identifier for the user's authorization attempts
Authorization Message	The description for failed authorizations
Authorization Modified Date	The timestamp when transaction was updated for authorization
Authorization Processor Message	The response message from payment provider
Authorization Processor Response	The response provided by the network for the authorization event
Authorization Response Code	The code provided by the network for the authorization event
Authorization Result	The result of the authorization (e.g., successful, failure)
Authorization Result Type	The authorization result from the payment provider (between banks and Apple)
Authorization Type Name	The type of authorization (e.g., billing information open purchase, close purchase, etc.)
Authorization USD Amount	The authorized price in the USD currency, as a decimal number (e.g., 9.99)
Bank Name	The name of the bank associated with the card
Billing Desk Error	The billing error descriptions for transactions in India
Billing Information ID	The identifier for the user's billing information
Billing Information Type ID	The identifier for the type of user's billing information
Card Brand Description	The card provider network
Card Entry Method	The method of capturing card data
Card Expiry	Whether the card used for a transaction was expired
Card Expiry Month Year	The card expiration month-year
Card Issuer Country	The card issuer country code
Card Network	The network of payment card used for transaction
Card Type Description	The card type description
Card Type Extended Description	The extended card description
Carrier Billing Payment Method Type	The carrier billing payment method type pre-paid/post-paid used for authorization
Channel ID	The identifier used for interacting with the acquirer bank

Field Name	Details
Client Transaction ID	The identifier of the app-specific device transaction
Content Name	The content identifier for any content purchased, (e.g., Apps, Music, Books etc.)
Country Name	The country name from which content was purchased
Currency Name	The currency value name from which content was purchased
Customer Risk Status	Customer's financial risk status
Decline Reason	The reasons for declined authorization
Exemption	Whether the transaction requires an additional authentication step
Failed Step Up	Whether the 3-Domain Secure (3DS) step-up to achieve strong customer authentication was successful
First Content Name	The first content purchased in a session
First Six PAN Number	The first six digits of Primary Account Number
Interchange ID	The identifier of the transaction type description
Last Four PAN Number	The last six digits of Primary Account Number
Liability Shift	Whether a liability was shifted from issuer bank to Apple
Line Of Business	Whether the content was purchased from iTunes or the App Store
Merchant Advice Code	The merchant advice code generated by issuer bank for a customers account
Native Result Type	The authorization result type code from payment providers (between banks and Apple)
Opportunistic Buy	Whether the purchase is one-time buy
Payment Method	The payment method used for the transactions' authorization
Payment Service Number	The billing information number linked to PayPal and carrier payment services
Payment Type	The payment type used for purchase
Payment Type Name	The payment method name
Previous Action Code	The action code from the acquirer for a previous step of authorization
Previous Action Code Description	The action code description from the acquirer for a previous step of authorization
Processor Entity Code	The processor entity code
Processor Response Code	The response code received from payment provider

Field Name	Details
Processor Response Message	The response message received from the payment provider
Processor Transaction Additional Fields	Additional information of a transaction returned from payment provider
Processor Transaction ID	The transaction identifier of the payment provider
Processor Transaction Operation Text	The response message received from the payment provider for a transaction
Processor Transaction Type	The type of payment provider transaction method
Product Description	The type of content downloaded by customer
Product Name	The product name purchased
Purchase ID	The identifier for the purchase
Reason Code	A code identifying the reason for a transaction
Reason Description	The reason description for a transaction
Received Amount	The amount received by the acquirer bank
Received Local Amount	The amount received by the acquirer bank in local currency
Received USD Amount	The amount received by the acquirer bank in USD currency
Reference Number	The reference number for a transaction
Return Settlement Amount	The settled amount authorized for a reversed return transaction
Return Settlement Local Amount	The settled amount for successful authorization for return transactions in local currency
Return Settlement USD Amount	The settled amount for successful authorization for return transactions in USD amount
Reversed Authorization Amount	The authorized amount that has been reversed by this transaction
Reversed Authorization Local Amount	The authorized amount for a return transaction in local currency
Reversed Authorization USD Amount	The authorized amount for a return transaction in USD amount
Settled Amount	The costs per successful authorization that gets settled
Settled Local Amount	The costs per successful authorization that gets settled in a local currency
Settled USD Amount	The costs per successful authorization that gets settled in USD currency
Settlement Entity	The description of the settlement entity
Settlement Entity ID	The identifier of the settlement entity
Store Front Name	The country in which the user's action occurred

Field Name	Details
Subscription ID	The identifier for the product associated with the subscription
Subscription Purchase ID	The identifier for the entire transaction associated with the subscription purchase
Total Purchase Details	A list of identifiers for content that was purchased
Transaction ID	The authorization identifier for the user's purchase
Transaction Indicator	Whether the transaction authorized was original transaction or return transaction
Transaction Result Message	The transaction result message
Transaction State Message	The state of the transaction
Transaction Type Description	The transaction type description
User Step Up	The user action taken to initiate transaction
Wallet Authorization Attempt ID	The identifier for each wallet authorization attempt which occurred in Wallet
Wallet Entry ID	The identifier for each card within the Wallet